

**PP-94**

**Impact of 5G RF Radiations on Society**

**Divya Gautam**

Assistant Professor, Department of Computer Science and Engineering

Amity School of Engineering and Technology, Amity University Madhya Pradesh,

Gwalior

Email: [dgbilwal@gwa.amity.edu](mailto:dgbilwal@gwa.amity.edu)

Wireless technologies are highly in demand due to mobile nature of devices. Henceforth need of exploration in communication sector increases as per demand in the market. Most of the marketing industries are dependent on internet for their businesses. Due to wireless connections lots of electromagnetic radiations are in the air. The entire nature is exposed to these radiations without understanding the hazards. 5G is a massive interconnected network used for telecommunications, in which short wavelength RF (Radio Frequency) radiations are emitted and now a days an issue of health and safety. The exposure to 5G radiation can cause different effects on the biodiversity, which can cause loss of species and can generate different diseases. This research is based on understanding the impact of 5G radiations on the society.

**Keywords:** 5G, RF, telecommunication.